

#### REMARKS

Claims 1, 2, 5-19, 22, 24-36, and 38 are presently pending in the application. Claim 6 was rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter in which Applicant regards as the invention. Claims 1, 6, and 14 were rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,219,358 ("Pinder") in view of U. S. Patent No. 6,912,573 ("Ohkado"). Claims 2, 35, 36, and 38 were rejected under 35 U.S.C. 103(a) as being patentable of Pinder in view of U.S. Patent no. 6,775,257 ("Watanabe"). Claims 15-19, 22, and 24-34 are allowed. Claims 5 and 7-13 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 6 was amended to more distinctly claim the particular invention. Therefore, reconsideration of the indefiniteness rejection is respectfully requested.

Independent claim 1 was amended to include elements of allowable, but objected to, dependent claim 7. It is believed that independent claim 1 is now allowable over the cited art. Additionally, amended dependent claims 2 and 6, and 8-14 further limit independent claim 1, as amended, and should also be allowable. Claim 7 was canceled.

Objected to claim 5 was amended to include the limitations of independent claim 1. It is believed that independent claim 5 is now allowable over the cited art.

Claims 35-38 were canceled.

Reconsideration and reexamination of the present application is requested in view of the foregoing amendment and in view of the remarks.

**CONCLUSION**

The foregoing is submitted as a full and complete response to the Office Action dated October 18, 2006. Claims 1, 2, 5, 6, 8-19, 22, and 24-34 will be pending in the present application upon entry of the present amendment, with claims 1, 5, 15, 16, and 25 being independent. Based on the amendments and remarks set forth herein, Applicant respectfully submits that the subject patent application is in condition for allowance. Because the claims may include additional elements that are not taught or suggested by the cited art, the preceding arguments in favor of patentability are advanced without prejudice to other bases of patentability.

Upon entry of the foregoing Response, the above-identified patent application includes 5 independent claims. Because Applicant has previously paid for 38 total claims and 5 independent claims, it is believed that no additional fee is due. Should it be determined that any excess fee has been received, the Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to deposit account #19-0761.

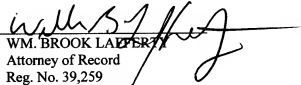
Should the Examiner have any comments or suggestions that would place the subject patent application in better condition for allowance, he is respectfully requested to telephone the undersigned agent at the below-listed number.

Respectfully submitted:

**SEND CORRESPONDENCE TO:**

Scientific-Atlanta, Inc.  
Intellectual Property Dept. MS 4.3.510  
5030 Sugarloaf Parkway  
Lawrenceville, GA 30044

By:

  
WM. BROOK LAPERRE  
Attorney of Record  
Reg. No. 39,259  
Phone: (770) 236-2114  
Fax No.: (770) 236-4806